short arc of one-day intervals of the first three observations secured by Dr. AITKEN at Mt. Hamilton, in order to decide whether the period could be approximately determined from these first three observations, and it was found that the period in this case is indeterminate. A parabola will satisfy the first three observations, and a number of practical solutions exist. The indeterminateness is due to the nature of the problem, and not to the method used. A. O. LEUSCHNER.

BERKELEY ASTRONOMICAL DEPARTMENT.

LICK OBSERVATORY LECTURES BEFORE THE CLASS IN MODERN ASTRONOMY, UNIVERSITY OF CALIFORNIA.

Director CAMPBELL has announced the following dates and subjects for the annual Lick Observatory lectures to be delivered this spring before the class in Modern Astronomy:—

By Director W. W. CAMPBELL:

1. Tuesday, March 21, 11 A.M.—"Current Eclipse Problems."
2. Saturday, March 25, 9 A.M.—"Current Eclipse Problems," continued.

By Astronomer W. J. HUSSEY:

3. Tuesday, March 28, 11 A.M.—"Present State of Double-Star Astronomy."
4. Thursday, March 30, 11 A.M.—"Concerning Nebulæ and Clusters."

By Assistant Astronomer C. D. PERRINE:

5. Tuesday, April 11, 11 A.M.—"The New Satellites of *Jupiter*."
6. Thursday, April 13, 11 A.M.—"The Solar Parallax from *Eros* Observations."

Dr. TOWNLEY, of the International Latitude Observatory at Ukiah, will follow with two lectures on "Variable Stars." The lectures will be delivered in the lecture-room of the Students' Observatory, and will be open to the public.

A. O. LEUSCHNER.

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